

EXECUTIVE DEPARTMENT OFFICE OF MANAGEMENT AND BUDGET Budget Development, Planning and Administration State Planning Coordination

January 15, 2009

Wil Kernoodle Van Cleef Engineering Associates 116-118 West Main Street Salisbury, MD 21801

RE: PLUS review – 2008-12-05; South Bedford Business Park

Dear Mr. Kernoodle:

Thank you for meeting with State agency planners on December 17, 2008 to discuss the proposed plans for the South Bedford Street Business Park project to be located on South Bedford Street extension, across from the Marvel Museum and adjacent to Truck Route 9.

According to the information received, you are seeking a rezoning of 15 acres from UR1 to LI-2 for a 7 lot commercial subdivision.

Please note that changes to the plan, other than those suggested in this letter, could result in additional comments from the State. Additionally, these comments reflect only issues that are the responsibility of the agencies represented at the meeting. The developers will also need to comply with any Federal, State and local regulations regarding this property. We also note that as the Town of Georgetown is the governing authority over this land, the developers will need to comply with any and all regulations/restrictions set forth by the Town.

Executive Summary

The following section includes some site specific highlights from the agency comments found in this letter. This summary is provided for your convenience and reference. The full text of this letter represents the official state response to this project. *Our office notes that the applicants are responsible for reading and responding to this letter and all comments contained within it in their entirety.*

State Strategies/Project Location

• The proposed project for rezoning is located off South Bedford Street within the future annexation area for the Town of Georgetown and is within an Investment Level 1 according to the State Strategies for Policy and Spending.

Street Design and Transportation

- As the applicant acknowledges, Sussex County is planning to relocate Park Avenue (Sussex Road 318 and part of Truck Route 9) opposite Arrow Safety Road as part of a runway extension project at the Sussex County Airport. In their response to item 39 on the PLUS application, the applicant states that their proposed entrance on South Bedford Street would be temporary and would be closed when access is available on the relocated Park Avenue. DelDOT agrees with this approach in principal, but because of its location, less than 300 feet from Arrow Safety Road, the South Bedford Street entrance may not be adequate to support full development of the park. It may be necessary to limit, or phase, the development of the park until the access can be relocated.
- The proposed development meets DelDOT's volume warrants for a traffic impact study, and one will be required to address the concerns identified in items 1 and 2 below and other concerns that may arise in the scoping of the study.
- Direct access to Lots 1, 6 and 7 will not be permitted on South Bedford Street or the relocated Park Avenue. It must be on the park streets.

Natural and Cultural Resources

- DNREC's concerns with this project include a combination of poor soils, its location in a forested wetland, impervious cover likely to exceed 70 percent when built out, and the potential these conditions create for flooding and impaired water quality. The project is located in the Inland Bays Watershed, which is now subject to regulatory requirements under the Pollution Control Strategy adopted on November 11, 2008.
- A significant portion (approximately 70-80%) of this parcel contains poorly to very poorly-drained wetland associated (hydric) Hurlock and Mullica soils which have a seasonal high water table occurring at or near the soil surface (within one-foot of soil surface or less).

This office has received the following comments from State agencies:

Office of State Planning Coordination – Contact: Bryan Hall 739-3090

This office has no objection to the proposed project for rezoning located off South Bedford Street within the future annexation area for the Town of Georgetown and is within an Investment Level 1 according to the State Strategies for Policy and Spending. The State has no objections to the development of this parcel, provided all city ordinances and regulations are followed. This office would request that the applicant continue to coordinate with the City of Georgetown as this project moves forward.

State Historic Preservation Office (SHPO) – Contact: Terrence Burns 739-5685

No comments received

Department of Transportation – Contact: Bill Brockenbrough 760-2109

Duck Creek Property Management, LLC, proposes to develop a 7-lot business park, with a developable area of 392,000 square feet, on a 15.40-acre assemblage of parcels (Tax Parcel 1-35-20.00-37.00, 38.00 and 39.00). The land is located on the south side of Georgetown, and more specifically on the southeast corner of South Bedford Street (Sussex Road 431) and Arrow Safety Road (Sussex Road 87). The land is zoned UR1 in the Town of Georgetown and a rezoning to LI-2 would be needed to permit the proposed development.

- As the applicant acknowledges, Sussex County is planning to relocate Park Avenue (Sussex Road 318 and part of Truck Route 9) opposite Arrow Safety Road as part of a runway extension project at the Sussex County Airport. In their response to item 39 on the PLUS application, the applicant states that their proposed entrance on South Bedford Street would be temporary and would be closed when access is available on the relocated Park Avenue. DelDOT agrees with this approach in principal, but because of its location, less than 300 feet from Arrow Safety Road, the South Bedford Street entrance may not be adequate to support full development of the park. It may be necessary to limit, or phase, the development of the park until the access can be relocated.
- 2) The intersection of South Bedford Street and Zoar Road (Sussex Road 48) is located about 300 feet from the proposed site entrance and has substandard geometry. The need for improvements at this location will need to be evaluated.
- 3) The proposed development meets DelDOT's volume warrants for a traffic impact study, and one will be required to address the concerns identified in items 1 and 2 above and other concerns that may arise in the scoping of the study. The applicant should contact Mr. Troy Brestel to begin that process. Mr. Brestel may be reached at (302) 760-2167.
- 4) The plan includes a stub street to Tax Parcel 1-35-20.00-31.00, a 60.62-acre parcel owned by Sapp Partners. DelDOT generally supports interconnection of

similarly zoned parcels, but planning for connections involves more than just providing a stub street. What is known about the planned development of those lands? If the streets in the South Bedford Business Park would or could be the sole or primary access to those lands, they need to be designed to accommodate that traffic.

- 5) South Bedford Street is classified as a collector. DelDOT's policy is to require a standard right-of-way width of 40 feet from the centerline on collector roads. Therefore we will require dedication of additional right-of-way along the property frontage as necessary to obtain that width.
- 6) Direct access to Lots 1, 6 and 7 will not be permitted on South Bedford Street or the relocated Park Avenue. It must be on the park streets.
- 7) The developer's site engineer should contact Mr. Derek Sapp, our Subdivision Manager for western Sussex County, regarding specific requirements for access. He may be reached at (302) 760-4803.

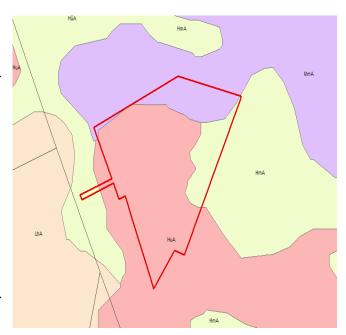
<u>The Department of Natural Resources and Environmental Control - Contact:</u> Kevin Coyle 739-9071

DNREC's concerns with this project include a combination of poor soils, its location in a forested wetland, impervious cover likely to exceed 70 percent when built out, and the potential these conditions create for flooding and impaired water quality. The project is located in the Inland Bays Watershed, which is now subject to regulatory requirements under the Pollution Control Strategy adopted on November 11, 2008.

Soils

Based on the NRCS soil survey update, Hambrook (HmA), Hurlock (HuA), and Mullica (MmA) were mapped in the immediate vicinity of the proposed construction (See figure 1). Hambrook is a welldrained upland soil that, generally, has few limitations for development. Hurlock and Mullica are poorly to poorly-drained wetland very associated (hydric) soils that have severe limitations for development and should be avoided.

Figure 1: NRCS soil survey update mapping in the immediate vicinity of the South Bedford Business Park



A significant portion (approximately 70-80%) of this parcel contains poorly to very poorly-drained wetland associated (hydric) Hurlock and Mullica soils which have a seasonal high water table occurring at or near the soil surface (within one-foot of soil surface or less). Building in such soils is likely to leave prospective residents of this and adjoining properties susceptible to future flooding problems from groundwater-driven surface water ponding, especially during extended periods of high-intensity rainfall events such as tropical storms/hurricanes or "nor'easters." This is in addition to increased flooding probabilities from surface water runoff emanating from future created or constructed forms of structural imperviousness (e.g., rooftops, roads, sidewalks, and stormwater management structures).

Based on the Chapter 99, Section 16A of the Sussex County Code (paraphrased), lands compromised by improper drainage or flooding potential pose significant threats to the safety and general welfare of future residents and, therefore, shall not be developed. Soils mapped as Hurlock and Mullica fit the criterion for improper drainage or high flooding potential, and should be avoided. The Watershed Assessment Section believes permitting development on such soils would be inconsistent with above-mentioned regulatory guidelines in the Sussex County Code.

Wetlands

Based on the Statewide Wetland Mapping Project (SWMP) maps, palustrine forested wetlands (PF01A) were mapped throughout most of the area proposed for construction (See figure 2).

Figure 2: SWMP mapping in the immediate vicinity of the South Bedford **Business** Park. The applicant is responsible for determining whether any State-(regulated regulated wetlands pursuant to 7 Del. C. Chapter 66 and the Wetlands Regulations) are present on the property. determination can only be made by contacting the Division of Water Resources' Wetlands and Subaqueous Lands Section 302/739-9943 and consulting the State's official wetland regulatory maps, which depict the extent of State iurisdiction. The area



regulated by State law may be very different from the area under federal authority. No activity may take place in State-regulated wetlands without a permit from DNREC's Wetlands Section.

In addition, most perennial streams and ditches and many intermittent streams and ditches are regulated pursuant to the Subaqueous Lands Act (7 <u>Del. C</u>. Chapter 72) and the <u>Regulations Governing the Use of Subaqueous Lands</u>. Ponds which are connected to other waters are also regulated, while isolated ponds are not. Any work in regulated streams, ditches or ponds requires a permit from the Wetlands and Subaqueous Lands Section. An on-site jurisdictional determination is recommended in order to determine whether any regulated watercourses exist on the property. Please contact the Wetlands and Subaqueous Lands Section at 302/739-9943 to schedule an on-site visit. Such appointments can usually be scheduled within 2 to 3 weeks.

The applicant should also be reminded that they must avoid construction/filling activities in those areas containing wetlands or wetland associated hydric soils as they are subject to regulatory jurisdiction under Federal 404 provisions of the Clean Water Act. A sitespecific field wetlands delineation using the methodology described in the 1987 United States Army Corps of Engineers (USACE, or "the Corps") manual is the acceptable basis for making a jurisdictional wetland determination for nontidal wetlands in Delaware. The applicant is forewarned that the Corps views the use of the National Wetlands Inventory (NWI) mapping or the Statewide Wetlands Mapping Project (SWMP) mapping as an unacceptable substitute for making such delineations. To ensure compliance with said Corps regulatory requirements, it is strongly recommended that a field wetlands delineation using the above-referenced methodology be performed on this parcel before commencing any construction activities. It is further recommended that the Corps be given the opportunity to officially approve the completed delineation. In circumstances where the applicant or applicant's consultant delineates what they believe are nonjurisdictional isolated (SWANCC) wetlands, the Corps must be contacted to evaluate and assess the jurisdictional validity of such a delineation. In other words, the final jurisdictional authority for making isolated wetlands determinations rests with the Corps; they can be reached by phone at 736-9763.

Based on a review of existing buffer research by Castelle et al. (Castelle, A. J., A. W. Johnson and C. Conolly. 1994. *Wetland and Stream Buffer Requirements – A Review.* J. Environ. Qual. 23: 878-882), an adequately-sized buffer that effectively protects wetlands and streams, in most circumstances, is about 100 feet in width. In recognition of this research and the need to protect water quality, the Watershed Assessment Section recommends that the applicant maintain/establish a minimum 100-foot upland buffer (planted in native vegetation) from all water bodies (including ditches) and wetlands.

Impervious Cover

The applicant did not give a clear estimate of the amount of this project's actual amount of post-construction surface imperviousness. For an industrial/commercial park such as this, the standard TR-55 methodology estimates impervious cover to be upwards of 70

percent. When calculating surface imperviousness, it is important to include all forms of constructed surface imperviousness, such as: all paved surfaces including rooftops, sidewalks, driveways, and roads; open-water stormwater management structures and/or recreational ponds; and community wastewater systems. This will ensure a realistic assessment of this project's likely post-construction environmental impacts. Surface imperviousness should be recalculated to include all of the above-mentioned forms of surface imperviousness in the finalized calculation for surface imperviousness; failure to do so will significantly understate this project's true environmental impacts. **Note:** wetlands should be excluded from the parcel's total open space area when calculating the parcel's total surface imperviousness.

Studies have shown a strong relationship between increases in impervious cover to decreases in a watershed's overall water quality. It is strongly recommended that the applicant implement best management practices (BMPs) that reduce or mitigate some of this project's most likely adverse impacts. Reducing the amount of surface imperviousness through the use of pervious paving materials ("pervious pavers") in lieu of asphalt or concrete in conjunction with an increase in forest cover preservation or additional tree plantings are some examples of practical BMPs that could easily be implemented to help reduce surface imperviousness. Since this is a commercial project that is likely to generate large amounts of impervious cover, it is strongly recommended that the applicant employ pervious paving materials, in lieu of conventional paving materials, for at least 50 percent of this project's total paved surface area.

ERES Waters

This project is located adjacent to receiving waters of the Inland Bays designated as waters having Exceptional Recreational or Ecological Significance (ERES). ERES waters are recognized as special assets of the State, and shall be protected and/ or restored, to the maximum extent practicable, to their natural condition. Provisions in Section 5.6 of Delaware's "Surface Water Quality Standards" (as amended July 11, 2004), specify that all designated ERES waters and receiving tributaries develop a "pollution control strategy" to reduce non-point sources of pollutants through implementation of Best Management Practices (BMPs). Best Management Practices as defined in subsection 5.6.3.5 of this section, expressly authorizes the Department to provide standards for controlling the addition of pollutants and reducing them to the greatest degree achievable and, where practicable, implementation of a standard requiring no discharge of pollutants.

TMDLs

Total Maximum Daily Loads (TMDLs) for nitrogen and phosphorus have been promulgated through regulation for the Inland Bays Watershed. A TMDL is the maximum level of pollution allowed for a given pollutant below which a "water quality limited water body" can assimilate and still meet water quality standards to the extent necessary to support use goals such as, swimming, fishing, drinking water and shell fish harvesting. Although TMDLs are required by federal law, states are charged with

developing and implementing standards to support these desired use goals. This project is located in the <u>high</u> nutrient reduction area requiring an 85 and 65 percent reduction in nitrogen and phosphorus, respectively. Additionally, a 40 percent reduction in bacteria is also required.

Compliance with TMDLs through the PCS

As stated above, TMDLs for nitrogen and phosphorus have been promulgated through regulation for the Inland Bays Watershed. The TMDL calls for an 85 percent reduction in nitrogen and phosphorus from baseline conditions. Additionally, a 40 percent reduction in bacteria will also be required from baseline conditions. Additional nutrient reductions may be possible through the implementation of Best Management Practices such as wider vegetated buffers along watercourses (and wetlands), increasing passive, wooded open space, use of pervious paving materials to reduce surface imperviousness (i.e., pervious pavers), and the use of green-technology stormwater management technologies.

A Pollution Control Strategy (PCS) is an implementation strategy that identifies the actions necessary to systematically reduce the pollutant loading rate for a given water body, and meet the TMDL reduction requirements specified for that water body. As mentioned previously, the pollutants specifically targeted for reduction in the Inland Bays watershed are nutrients (e.g., nitrogen and phosphorus) and bacteria. A variety of site-specific best management practices (BMPs) will be the primary actions required by the PCS to reduce pollutant loadings associated with nutrients and bacteria. The PCS for the Inland Bays was approved on November 11, 2008, and is now an enforceable regulatory directive.

The Department has developed an assessment tool that will help evaluate whether your proposed development meets the required TMDL nutrient reduction requirements specified by the PCS. Contact Lyle Jones at 302-739-9939 for more information on the PCS and the assessment tool.

Water Supply

The project information sheets state water will be provided to the project by The Town of Georgetown via a public water system. DNREC records indicate that the project is located within the public water service area granted to The Town of Georgetown under Certificate of Public Convenience and Necessity 91-CPCN-02 and also 01-CPCN-02.

Should dewatering points be needed during any phase of construction, a dewatering well construction permit must be obtained from the Water Supply Section prior to construction of the well points. In addition, a water allocation permit will be needed if the pumping rate will exceed 50,000 gallons per day at any time during operation.

All well permit applications must be prepared and signed by licensed water well contractors, and only licensed well drillers may construct the wells. Please factor in the necessary time for processing the well permit applications into the construction schedule.

Dewatering well permit applications typically take approximately four weeks to process, which allows the necessary time for technical review and advertising.

Potential Contamination Sources exist in the area, and any well permit applications will undergo a detailed review that may increase turnaround time and may require site specific conditions/recommendations. In this case there is an Underground Storage Tank associated with Three Bells Market located within 1000 feet of the proposed project.

Should you have any questions concerning these comments, please contact Rick Rios at 302-739-9944.

Sediment and Stormwater

- A detailed sediment and stormwater plan will be required prior to any land disturbing activity taking place on the site. Contact the reviewing agency to schedule a pre-application meeting to discuss the sediment and erosion control and stormwater management components of the plan as soon as practicable. The site topography, soils mapping, pre- and post-development runoff, and proposed method(s) and location(s) of stormwater management should be brought to the meeting for discussion. The plan review and approval as well as construction inspection will be coordinated through the Sussex Conservation District. Contact Jessica Watson at the Sussex Conservation District at (302) 856-2105 for details regarding submittal requirements and fees.
- Because of the parcel's location in an impaired watershed and the amount of impervious surface, green technology BMPs and low impact development practices should be considered a priority to reduce stormwater flow and to meet water quality goals. The Sediment and Stormwater Management Program ensures sediment and erosion control plans and stormwater plans comply with local land use ordinances and policies, including the siting of stormwater management facilities. However, we do not support placement in resource protection areas or the removal of trees for the sole purpose of placement of a stormwater management facility/practice.
- Include Brooks Cahall, of the Drainage Program, in the pre-application meeting with the Sussex Conservation District to discuss drainage, stormwater management, tax ditch maintenance, and the release of stormwater into the tax ditch. Show the location and width of tax ditch rights-of-way on the sediment and stormwater plans.

Drainage

• This project is located within the McGee Tax Ditch. The placement of permanent obstructions within tax ditch rights-of-way is prohibited. Any change to the location of the tax ditch, existing tax ditch rights-of-way, or piping of a tax ditch will require a change to the McGee Tax Ditch court order. Please contact the

Drainage Program in Georgetown at (302) 855-1930 as soon as possible to discuss the tax ditch rights-of-way for this project. It is suggested to include Brooks Cahall in the pre-application meeting with the Sussex Conservation District to discuss drainage, stormwater management, tax ditch maintenance, and the release of stormwater into the tax ditch.

- The Drainage Program requests that the engineer take precautions to ensure the project does not hinder any off site drainage upstream of the project or create any off site drainage problems downstream by the release of onsite storm water. The Drainage Program requests that the engineer check existing downstream ditches and pipes for function and blockages prior to the construction. Notify downstream landowners of the change in volume of water released on them.
- Have all drainage easements recorded on deeds and place restrictions on obstructions within the easements to ensure access for periodic maintenance or future re-construction. Future property owners may not be aware of a drainage easement on their property if the easement is only on the record plan. However, by recording the drainage easement on the deed, the second owner, and any subsequent owner of the property, will be fully aware of the drainage easement on their property.
- Excessive tree removal contributes to drainage problems and requires additional stormwater management measures. Where practical, plant native trees and shrubs to compensate for the loss of nutrient uptake and stormwater absorption the removed trees provided.

Site Visit Request

In order to provide informed comments, program scientists request the opportunity to conduct a survey of the property to evaluate habitat and determine the potential for species of conservation concern. Data collected would also aide in their effort to map vegetative communities throughout the state. Please note that our scientists have decades of experience in comprehensive rare species survey methods. They have extensive knowledge of the flora and fauna of the state and are qualified in making rare species identifications. The survey will be conducted at no expense to the landowner.

Please contact Edna Stetzar at (302) 653-2880 ext. 101 or at Edna.Stetzar@state.de.us if the landowner will grant a site visit.

Wildlife Habitat

Cumulative habitat loss throughout the State is of utmost concern to the Division of Fish and Wildlife which is responsible for conserving and managing the State's wildlife (see www.fw.delaware.gov and the Delaware Code, Title 7). Because of an overall lack of habitat protection, we have to rely on applicants and/or the entity that approves the

project (i.e. counties and municipalities) to consider implementing measures that will aide in habitat loss reduction.

Although leaving a forest intact is usually more beneficial to the existing wildlife and is preferential to clearing, DNREC offers the following recommendations which if implemented will reduce impacts to natural resources.

- 1. This site is entirely forested, so the optimal way to reduce forest loss would be to consider preservation or downsize the project. If preservation is an option, there are incentive-based programs for wildlife management available to private landowners, some of which are through our agency. Shelly Tovell of the Landowner Incentive Program can be contacted at (302) 735-3600 if the landowner(s) is interested in more information.
- 2. To reduce impacts to nesting birds and other wildlife species that utilize forests for breeding, we recommend that clearing not occur from April 1st to July 31st. This clearing recommendation would only protect those species during one breeding season; once trees are cleared the result is an overall loss of habitat.
- 3. Explore green technologies and alternatives to clearing trees for stormwater management.
- 4. There is an area of isolated wetlands that could provide habitat for an array of plants and animal species. Efforts to minimize both direct and indirect impacts to this wetland are recommended. This includes leaving an adequate upland buffer that could provide habitat for wetland dependent species during a portion of their life cycle. This buffer should be increased to at least 100 feet in width to protect the function and integrity of the wetlands.
- 5. Maintain habitat connections for wildlife by locating forested open space such that it is contiguous with forested areas on adjacent properties.

Nuisance Species

Wet ponds created for stormwater management purposes may attract resident Canada geese. High concentrations of waterfowl in ponds create water-quality problems, leave droppings on lawn and paved areas and can become aggressive during the nesting season. Short manicured lawns around ponds provide an attractive habitat for these species. Exclusion is one of the most effective methods at deterring geese. In a commercial setting such as this project, completely fencing the pond at the edge (even one foot high) may be feasible. Even though geese can fly over the fence, if they constantly have to fly between land and water the area is less desirable. If fencing is not a desired option, we recommend native plantings, including tall grasses, wildflowers, shrubs, and trees at the edge and within an adequate buffer (15-30 feet in width) around the ponds. When the view of the surrounding area from the pond is blocked, geese can't scan for predators and are less

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likely to reside and nest in the area of the pond. The vegetation also blocks the ability to easily move between land and water.

At this time, DNREC does not recommend using monofilament grids due to the potential for birds and other wildlife to become entangled if the grids are not properly installed and maintained. In addition, the on-going maintenance (removing entangled trash, etc.) may become a burden to the landowner or property manager.

The Division of Fish and Wildlife does not provide goose control services, and if problems arise, residents or the home-owners association will have to accept the burden of dealing with these species (e.g., permit applications, costs, securing services of certified wildlife professionals). Solutions can be costly and labor intensive; however, with proper landscaping, monitoring, and other techniques, geese problems can be minimized.

Under/Aboveground Storage Tanks

There is one active LUST site with ongoing remediation located within a quarter mile of the proposed project:

Name: Three Bells Market

Facility ID: 5-000248 Project: S9401005

Should any underground storage tanks or petroleum contaminated soil be discovered by any person during construction, the DNREC-TMB at (302) 395-2500 and the DNREC Emergency Response Hotline at (800) 662-8802 must be notified within 24 hours.

Should any contamination be encountered, PVC pipe materials would have to be replaced with ductile steel and nitrile rubber gaskets in the contaminated areas.

Also, please note that if any aboveground storage tanks (ASTs) less than 12,500 gallons are installed, they must be registered with the TMB. If any ASTs greater than 12,500 gallons are installed, they are also subject to installation approval by the TMB.

State Fire Marshal's Office - Contact: Duane Fox 856-5298

These comments are intended for informational use only and do not constitute any type of approval from the Delaware State Fire Marshal's Office. At the time of formal submittal, the applicant shall provide; completed application, fee, and three sets of plans depicting the following in accordance with the Delaware State Fire Prevention Regulation (DSFPR):

General:

As parcels develop, each will be required to submit a SITE Plan to the State Fire Marshals Office for review and comment. Depending on the size of buildings and their actual Use, there may be individual requirements for fire lanes, fire hydrants, water supply, and sprinkler protection.

a. Fire Protection Water Requirements:

- ➤ Water distribution system capable of delivering at least 1500 gpm for 2-hour duration, at 20-psi residual pressure is required. Fire hydrants with 800 feet spacing on centers.
- ➤ Where a water distribution system is proposed for the site, the infrastructure for fire protection water shall be provided, including the size of water mains for fire hydrants and sprinkler systems.

b. Fire Protection Features:

- ➤ All structures over 10,000 sq.ft. aggregate will require automatic sprinkler protection installed.
- ➤ Buildings greater than 10,000 sq.ft., 3-stories or more, over 35 feet, or classified as High Hazard, are required to meet fire lane marking requirements
- ➤ Show Fire Department Connection location (Must be within 300 feet of fire hydrant), and detail as shown in the DSFPR.
- ➤ Show Fire Lanes and Sign Detail as shown in DSFPR
- For townhouse buildings, provide a section / detail and the UL design number of the 2-hour fire rated separation wall on the Site plan.

c. Accessibility

- All premises, which the fire department may be called upon to protect in case of fire, and which are not readily accessible from public roads, shall be provided with suitable gates and access roads, and fire lanes so that all buildings on the premises are accessible to fire apparatus. This means that the access road from any main thoroughfare must be constructed so fire department apparatus may negotiate it.
- Fire department access shall be provided in such a manner so that fire apparatus will be able to locate within 100 ft. of the front door.
- Any dead end road more than 300 feet in length shall be provided with a turn-around or cul-de-sac arranged such that fire apparatus will be able to turn around by making not more than one backing maneuver. The minimum paved radius of the cul-de-sac shall be 38 feet. The dimensions of the cul-de-sac or turn-around shall be shown on the final plans. Also,

- please be advised that parking is prohibited in the cul-de-sac or turn around.
- ➤ The use of speed bumps or other methods of traffic speed reduction must be in accordance with Department of Transportation requirements.
- ➤ The local Fire Chief, prior to any submission to our Agency, shall approve in writing the use of gates that limit fire department access into and out of the development or property.

d. Gas Piping and System Information:

➤ Provide type of fuel proposed, and show locations of bulk containers on plan.

e. Required Notes:

- ➤ Provide a note on the final plans submitted for review to read "All fire lanes, fire hydrants, and fire department connections shall be marked in accordance with the Delaware State Fire Prevention Regulations"
- Proposed Use
- ➤ Alpha or Numerical Labels for each building/unit for sites with multiple buildings/units
- > Square footage of each structure (Total of all Floors)
- National Fire Protection Association (NFPA) Construction Type
- Maximum Height of Buildings (including number of stories)
- Note indicating if building(s) is/are to be sprinklered
- > Name of Water Provider
- ➤ Letter from Water Provider approving the system layout
- ➤ Provide Lock Box Note (as detailed in DSFPR) if Building is to be sprinklered
- ➤ Provide Road Names, even for County Roads

Preliminary meetings with Fire Protection Specialists are encouraged prior to formal submittal. Please call for appointment. Applications and brochures can be downloaded from our website: www.statefiremarshal.delaware.gov, technical services link, plan review, applications or brochures.

Department of Agriculture - Contact: Scott Blaier 739-4811

The Delaware Department of Agriculture has no objections to the proposed development. The project is located within the Town of Georgetown, and the *Strategies for State Policies and Spending* encourages environmentally responsible development in Investment Level 1 areas.

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Right Tree for the Right Place

The Delaware Department of Agriculture Forest Service encourages the developer to use the "Right Tree for the Right Place" for any design considerations. This concept allows for the proper placement of trees to increase property values in upwards of 25% of appraised value and will reduce heating and cooling costs on average by 20 to 35 dollars per month. In addition, a landscape design that encompasses this approach will avoid future maintenance cost to the property owner and ensure a lasting forest resource.

Do Not Plant List

Due to the high risk of mortality from insects and disease, the Delaware Forest Service does not recommend planting any of the following species:

Callery Pear Leyland Cypress Red Oak (except for Willow Oak) Ash Trees

Please contact the Delaware Forest Service for more information at (302) 698-4500.

Native Landscapes

The Delaware Department of Agriculture and the Delaware Forest Service encourages the developer to use native trees and shrubs to buffer the property from the adjacent landuse activities near this site. A properly designed forested buffer can create wildlife habitat corridors and improve air quality to the area by removing six to eight tons of carbon dioxide annually and will clean our rivers and creeks of storm-water run-off pollutants. To learn more about acceptable native trees and how to avoid plants considered invasive to our local landscapes, please contact the Delaware Department of Agriculture Plant Industry Section at (302) 698-4500.

Public Service Commission - Contact: Andrea Maucher 739-4247

Any expansion of natural gas or installation of a closed propane system must fall within Pipeline Safety guidelines. Contact: Malak Michael at (302) 739-4247.

Delaware Economic Development Office – Contact: Jeff Stone 672-6849

No comments received.

<u>Delaware Division of Public Health- Health Promotion Bureau- Contact: Michelle Eichinger (302) 744-1011</u>

No comments received.

Delaware State Housing Authority – Contact Vicki Powers 739-4263

No comments received.

Department of Education – Contact: John Marinucci 735-4055

This commercial project is located in the Indian River School District. This rezoning request is commercial in nature with no apparent impact on educational service delivery or infrastructure and, as such DOE has no further comments regarding this request.

Following receipt of this letter and upon filing of an application with the local jurisdiction, the applicant shall provide to the local jurisdiction and the Office of State Planning Coordination a written response to comments received as a result of the pre-application process, noting whether comments were incorporated into the project design or not and the reason therefore.

Thank you for the opportunity to review this project. If you have any questions, please contact me at 302-739-3090.

Sincerely,

Constance C. Holland, AICP

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Director

CC: Town of Georgetown